

Title (en)  
TIME-FREQUENCY INTERLEAVED MC-CDMA FOR QUASI-SYNCHRONOUS SYSTEMS

Title (de)  
MC-CDMA MIT ZEIT-FREQUENZ-VERSCHACHTELUNG FÜR QUASISYNCHRONE SYSTEME

Title (fr)  
AMRC MULTIPOORTEUSE A IMBRICATION TEMPS-FREQUENCE POUR SYSTEMES QUASI-SYNCHRONES

Publication  
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Application  
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Priority  

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- EP 02291802 A 20020717
- IB 0303136 W 20030708

Abstract (en)  
[origin: US2006045000A1] <tables id="TABLE-US-00001" num="1"> <table frame="none" colsep="0" rowsep="0"> <tgroup align="left" colsep="0" rowsep="0" cols="1"> <colspec colname="1" colwidth="217PT" align="left"/> <THEAD> <ROW> <ENTRY/> </ROW> <ROW> <entry name="1" nameend="1" align="center" rowsep="1"/> </ROW> </THEAD> <TBODY VALIGN="TOP"> <ROW> <ENTRY/> </ROW> <ROW> <ENTRY> </ENTRY> </ROW> </TBODY> </TGROU> <tgroup align="left" colsep="0" rowsep="0" cols="1"> <colspec colname="1" colwidth="217PT" align="right"/> <TBODY VALIGN="TOP"> <ROW> <ENTRY/> </ROW> <ROW> <ENTRY> </ENTRY> </ROW> </TBODY> </TGROU> <tgroup align="left" colsep="0" rowsep="0" cols="1"> <colspec colname="1" colwidth="217PT" align="left"/> <TBODY VALIGN="TOP"> <ROW> <ENTRY/> </ROW> <ROW> <ENTRY> </ENTRY> </ROW> </TBODY> </TGROU> <tgroup align="left" colsep="0" rowsep="0" cols="1"> <colspec colname="1" colwidth="217PT" align="right"/> <TBODY VALIGN="TOP"> <ROW> <ENTRY/> </ROW> <ROW> <ENTRY> </ENTRY> </ROW> <ROW> <entry name="1" nameend="1" align="center" rowsep="1"/> </ROW> </TBODY> </TGROU> </TABLE> </TABLES> The invention relates to digital transmissions. It particularly relates to a method of transmitting data from a transmitter to a receiver using multi-carrier Code Division Multiple Access (CDMA) for accessing a transmission system. The transmitted data are OFDM modulated using Orthogonal Frequency Division Multiplexing (OFDM) after being spread with a set of predefined spreading sequences of consecutive chips, wherein two successive chips of the predefined sequences are transmitted on non-successive carriers and in non-successive time intervals.

IPC 1-7  
**H04L 5/02**; **H04L 27/26**

IPC 8 full level  
**H04B 1/69** (2006.01); **H04J 1/02** (2006.01); **H04J 11/00** (2006.01); **H04J 13/04** (2006.01); **H04J 15/00** (2006.01); **H04J 99/00** (2009.01); **H04L 5/02** (2006.01); **H04L 27/26** (2006.01); **H04L 1/00** (2006.01)

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**US 52113205 A 20050112**; AU 2003247032 A 20030708; CN 03816637 A 20030708; EP 03764064 A 20030708; IB 0303136 W 20030708; JP 2004521013 A 20030708; KR 20057000691 A 20050114